TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION Effective May 1, 2012
WIN-1600 Reevaluation Date: **April 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Series 574 Vinyl Fixed Windows, New and Replacement Construction, Impact Resistant, manufactured by

Maritech Windows
1813 Kelly Blvd.
Carrollton, Texas 75006
Telephone: (469) 568-5636
www.maritechwindows.com

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 574 Vinyl Fixed Window; (O)	R-PG60 48 x 72-FW Missile Level D	+60/-60
2	Series 574 Vinyl Fixed Window; (O)	R-PG50 52 x 76-FW Missile Level D	+50/-50

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	48" x 72"	43 5/8 " x 67 1/2 "
2	52" x 76"	47" x 71"

Product Identification (Certification Agency Label on Window):

System		
1-2	Certification Agency	NAMI
	Manufacturer's Name or Code Name	MTW
	Product Name	574 Impact Rated Vinyl Fixed Window
	Test Standards	AAMA/NWWDA 101/I.S.2/A440-08 AAMA 506-08; Missile Level D

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the **Inland I** and **Seaward zone**. The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System 1:

New Construction: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing fin of the window with either minimum No. 10 screws or minimum 0.120" x 2 3/8" smooth shank nails. The fasteners shall be located approximately 1 inches from each corner and approximately 7 inches on center along the perimeter of the window frame. The fasteners shall be long enough to penetrate 1 1/2 inches into the wall framing.

Replacement Construction: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the frame of the window with minimum No. 10 x 2 1/2" screws. Along each side jamb, a minimum of seven (7) fasteners are required, evenly spaced. Along the head, a minimum of four (4) fasteners are required, evenly spaced. No fasteners are required in the sill. The fasteners shall be long enough to penetrate 1 1/2 inches into the wall framing.

System 2:

New Construction: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the nailing fin of the window with either minimum No. 6 screws or minimum 0.120" x 2 3/8" smooth shank nails. The fasteners shall be located approximately 3 inches from each corner and approximately 8 inches on center along the perimeter of the window frame. The fasteners shall be long enough to penetrate 1 1/2 inches into the wall framing.

Replacement Construction: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The window shall be secured to the wall framing using the frame of the window with minimum No. 10 x 2 1/2" screws. Along each side jamb, a minimum of eight (8) fasteners are required, evenly spaced. Along the head, a minimum of four (4) fasteners are required, evenly spaced. No fasteners are required in the sill. The fasteners shall be long enough to penetrate 1 1/2 inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.